

**Segment ID:** 1242D      **Water body name:** Thompson Creek (unclassified water body)

Freshwater Stream

Brazos River Basin

Total size:

18 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Aquatic Life Use**

2002	Dissolved Oxygen grab average	No Concern	Downstream portion of water body	6.4	20	0	
2004	Dissolved Oxygen grab average	No Concern	Upstream portion of water body	11.6	37	4	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Downstream portion of water body	6.4	20	0	
2004	Dissolved Oxygen grab minimum	Fully Supporting	Upstream portion of water body	11.6	37	3	
2002	Dissolved Oxygen 24hr average	Not Assessed	Downstream portion of water body	6.4	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upstream portion of water body	11.6	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Downstream portion of water body	6.4	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upstream portion of water body	11.6	0		
2002	Overall Aquatic Life Use	Fully Supporting	Downstream portion of water body	6.4			
2004	Overall Aquatic Life Use	Fully Supporting	Upstream portion of water body	11.6			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	Downstream portion of water body	6.4	0		
2002	E. coli single sample	Not Assessed	Upstream portion of water body	11.6	0		
2002	E. coli geometric mean	Not Assessed	Downstream portion of water body	6.4	0		
2002	E. coli geometric mean	Not Assessed	Upstream portion of water body	11.6	0		
2002	Fecal coliform single sample	Not Supporting	Downstream portion of water body	6.4	20	10	
2002	Fecal coliform single sample	Not Supporting	Upstream portion of water body	11.6	21	10	
2002	Fecal coliform geometric mean	Not Supporting	Downstream portion of water body	6.4	20		425
2002	Fecal coliform geometric mean	Not Supporting	Upstream portion of water body	11.6	21		251
2002	Overall Recreation Use	Not Supporting	Downstream portion of water body	6.4			
2002	Overall Recreation Use	Not Supporting	Upstream portion of water body	11.6			

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### Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Downstream portion of water body	6.4			
2002	Overall Fish Consumption Use	Not Assessed	Upstream portion of water body	11.6			

### Overall Use Support

2002		Not Supporting	Downstream portion of water body	6.4			
2004		Not Supporting	Upstream portion of water body	11.6			

### Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	Downstream portion of water body	6.4	0		
2002	Ammonia Nitrogen	Not Assessed	Upstream portion of water body	11.6	0		
2002	Nitrite + Nitrate Nitrogen	Concern	Downstream portion of water body	6.4	22	20	
2002	Nitrite + Nitrate Nitrogen	No Concern	Upstream portion of water body	11.6	20	0	
2002	Orthophosphorus	Concern	Downstream portion of water body	6.4	22	21	
2002	Orthophosphorus	No Concern	Upstream portion of water body	11.6	20	0	
2002	Total Phosphorus	Not Assessed	Downstream portion of water body	6.4	0		
2002	Total Phosphorus	Not Assessed	Upstream portion of water body	11.6	0		
2002	Overall Nutrient Enrichment Concerns	Concern	Downstream portion of water body	6.4			
2002	Overall Nutrient Enrichment Concerns	No Concern	Upstream portion of water body	11.6			

### Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Downstream portion of water body	6.4	0		
2002	Chlorophyll a	Not Assessed	Upstream portion of water body	11.6	0		

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**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	Downstream portion of water body	6.4			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upstream portion of water body	11.6			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Downstream portion of water body	6.4			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upstream portion of water body	11.6			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Downstream portion of water body	6.4			
2002	Overall Narrative Criteria Concerns	No Concern	Upstream portion of water body	11.6			

**Overall Secondary Concern**

2002		Concern	Downstream portion of water body	6.4			
2002		No Concern	Upstream portion of water body	11.6			